

CLAIMS:

1. A bag-making apparatus which manufactures bags by unrolling a film that is rolled up in a form of a roll and by performing a bag-making operation, which includes sealing and cutting, while feeding said film in a direction of length of said film, wherein

a bag-making speed of said bag-making apparatus is designed to be changeable; and

said bag-making apparatus includes a sealing means that performs sealing on said film and comprises:

a pair of hot plates, and

a driving mechanism that causes said hot plates to contact with and separate from each other in relative terms via a transmission mechanism at an operating speed that is linked to a bag-making speed of said bag making apparatus; and wherein

said hot plates are caused to contact with and separate from each other in relative terms with a stroke that is adjusted by said transmission mechanism, and a contact time of said hot plates is maintained at a constant value by way of adjusting said stroke when an operating speed of said driving mechanism is changed.

2. The bag-making apparatus according to Claim 1, further comprising a spring mechanism interposed between said transmission mechanism and said hot plates, said spring mechanism absorbing a movement of said transmission mechanism during a period in which said hot plates separate from each other following contact with each other and pushing said hot plates with a predetermined force during said period.

3. A bag-making apparatus which manufactures bags by unrolling a film that is rolled up in a form of a roll and by performing a bag-making operation, which includes sealing and cutting, while feeding said film in a direction of length of said film, wherein

said bag-making apparatus is comprised of a sealing means that performs sealing on said film and includes:

a pair of hot plates, and

a driving mechanism that causes said hot plates to contact with and separate from each other in relative terms via a transmission mechanism at an operating speed that is linked to a bag-making speed of said bag making apparatus; and

said bag-making apparatus is further comprised of a heat insulating device that is disposed near said sealing means and includes:

a pair of heat insulating plates which have a gap that allows accommodation of said film between said heat insulating plates, and

a driving means that causes said heat insulating plates to advance and retract between an advanced position which is between said hot plates and a retracted position that is separated from said advanced position.